

**Abstract**

Disclosed is a control device and method for individually controlling plural circuit-units connected along a single cable. The control device comprises a central unit, a cable emanating from the central unit, and plural circuit-units connected to the cable in parallel and each provided with a band pass filter having a frequency band different from those of any other band pass filters provided for the other circuit-units. If the central unit selects a carrier frequency and sends the carrier with a control signal through the cable, the control signal is transmitted only to the selected circuit-unit to control the circuit-unit because the signal does not pass through a band pass filter of a circuit-unit that does not match with the signal in frequency.